

# DataPort 10 Users Manual



[www.CRU-DataPort.com](http://www.CRU-DataPort.com)

## About CRU-DataPort

CRU-DataPort™ is a leading supplier of data security and storage devices for computer systems. Founded in 1986 and based in Vancouver, WA, USA, CRU's DataPort removable storage enclosures are used worldwide and have become the de facto standard for physical data security and reliable drive removal in government, education and corporate IT environments. DataPort's rugged design protects the drive during removal, transport and storage while fans keep drives running cool during operation. Most DataPorts have connectors rated for 25,000 insertions and are backed by some of the industry's best and most user friendly warranties.

CRU products are available through major distributors, OEMs, VARs and a host of resellers and systems integrators throughout the United States and abroad. For more information please visit [www.CRU-DataPort.com](http://www.CRU-DataPort.com).

## Table of Contents

About CRU-DataPort.....	i
Product Description .....	1
Package Contents .....	2
Preparation for Installation.....	3
Frame Installation .....	3
Mounting Hard Drive into Carrier .....	4
Operation .....	6
Power .....	6
Activity LED's.....	6
Fan Failure Alarm .....	7
Trouble Shooting .....	7
Technical Support .....	8
Limited Product Warranty .....	8
Product Remedies .....	8
Limitation of Liability .....	8

© 2005 CRU Acquisitions Group, LLC. ALL RIGHTS RESERVED

No part of this manual may be used or reproduced in any form or by any means, without prior written permission of CRU Acquisitions Group, LLC.

This manual contains confidential and proprietary information of CRU Acquisition Group, LLC which is protected by copyright, trade secret, trademark and other intellectual property rights.

## Product Description

The DataPort 10 comes with the installation documentation you need for easy installation. The all metal enclosure is sturdy and rugged to protect your data in all but the most extreme environments. This product is designed for systems that optimize space reserved for 5.25" bay devices.

The overall dimensions for the DataPort 10 are:  
37.2mm/1.46" H x 145.5mm/5.73" W x 200mm/7.87" L.

The DataPort 10 consists of a frame and carrier with a top cover. The frame can be fitted into any standard 5.25" half-height drive bay.

DataPorts allow you to easily remove a 3.5" SATA hard drive from your PC or MAC. The DataPort carrier provides a simple and inexpensive way to swap drives, transport data between computers, and is also useful for on-line back-up and storage of critical files.

The DataPort 10 provides a switched power service to the hard disk drive for 12V, 5V and 3.3V when connected in a system that provides power through the 15 pin Serial ATA conforming power connector.

## Package Contents

The DataPort kit includes all of the necessary hardware to install a 3.5" hard drive in a DataPort 10 and the DataPort 10 in a 5.25" drive bay. Before installing, please verify that the following items have been included in the package.

Quantity	Description
1	DataPort frame assembly
1	DataPort carrier assembly
1	Metal cover
1	Nylon screw for carrier cover (extra)
5	#6-32 x 1/4 flat head screws for drive mounting
4	M3 x 5 pan head screws for frame installation
2	Keys for lock

## Preparation for Installation

Note: To prevent data loss, read this manual thoroughly before installing or operating the DataPort.

Before touching any electrical equipment, ground yourself by touching the metal part of your computer chassis. This discharges static electricity and helps prevent damage to your computer. CRU-DataPort is not responsible for damage caused by static discharge.

Tools Required:

- Phillips screwdriver

Other items that will be needed are:

- Computer users manual

## Frame Installation

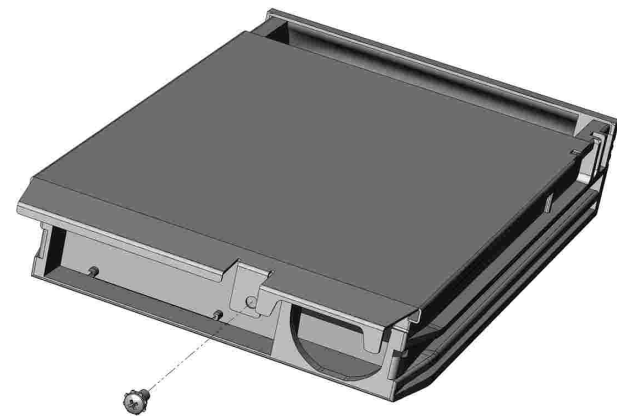
1. Power off your computer.  
Turn off the computer and disconnect its power cord from the electrical outlet. Before working on your computer, wait one minute for any residual energy to dissipate.
2. Remove the cover of the computer.
3. Locate an empty external 5.25" bay.  
Identify the 5.25" half-height bay in which you plan to mount the DataPort frame assembly. Remove any filler plates that may be present.
4. Direct mount the frame assembly.  
Slide the frame into the 5.25" bay from the front of the PC case. Using the screws provided, secure the frame assembly to the PC case using the frame's side mounting holes (bottom mount holes are also available on your DataPort 10).
5. Rail mount the frame assembly.  
If the drive bay requires mounting rails, install one on each side of the frame. The mounting rails should have come with your computer system.
6. Connect the data cable to the frame.  
Locate a SATA data cable and connect it to the SATA connector on the frame.

7. Connect a power cable to the frame.  
Locate an available 15-pin SATA power cable from the computer power supply and plug it into the power plug on the frame. For power supplies that don't support 15-pin SATA, please use the provided legacy to SATA power adapter cable.

The frame installation is now completed.

## Mounting a Hard Drive in the Carrier

1. Remove the top cover of the carrier.  
The metal cover for DataPort 10 is secured by a nylon screw. Remove the screw and slide the top cover off the DataPort 10 carrier. (See Picture 1 for details)



Picture 1

2. Install the hard drive in the carrier.

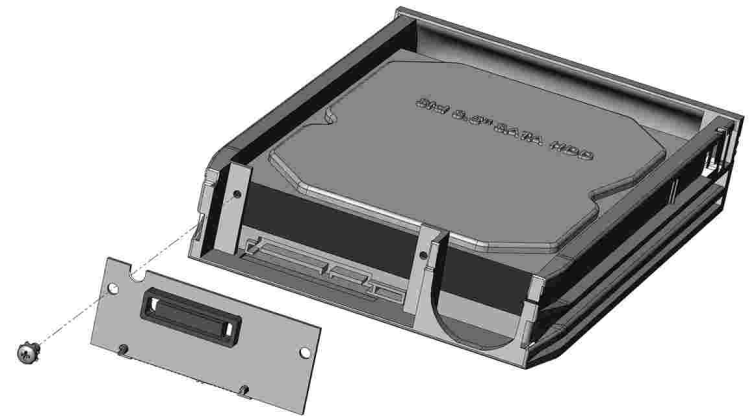
With most hard drives you will slide the hard drive in from the front of the carrier and connect it to the carrier board. (See picture 2 for details)

If the hard drive does not fit, remove the screw holding the circuit board in the carrier. Place the hard drive in the carrier, then connect the circuit board to the hard drive. Secure the circuit board with the screw and then secure the hard drive with the provided screws. (See Picture 3 for details)



Picture 2

3. Attach the Temperature Control Cooling Sensor (TCCS) to the top of the hard drive with an adhesive strip. After the drive has been installed, replace the top cover and secure it with the provided nylon screw.



Picture 3

4. Insert the carrier into the frame assembly.

Ensure that the lock of the DataPort is in the “open” (vertical) position. Position the carrier on the guide rails, and then slide the carrier into the frame. Using thumb pressure, fully seat the carrier in the frame and lock the unit with the key lock.

You have finished the installation and your DataPort 10 is ready for operation.

## Operation

### Turn on the Power

The lock on the DataPort locks the carrier in place and also serves as the power “ON/OFF” switch. Turn the lock 90 degrees clockwise to the “ON” position before turning on the computer. When the computer is turned on, the “Power On” LED (green light emitting diode above the key on the frame assembly) is illuminated, and your system should operate normally.

### Activity LEDs

The DataPort 10 supports the Serial ATA II drive activity feature. If the hard disk drive does not support Serial ATA II the LED activity will be determined by the hard disk drive; usually the LED will be off.

## Fan Failure Alarm

The fan failure alarm function is a standard feature on the DataPort 10. If the cooling fan should fail, an alarm will beep and the green LED on the upper left corner of the DataPort will flash indicating fan failure. Removal of the jumper on JP6 will silence the audible alarm on the frame.

**Important: READ THE FOLLOWING BEFORE REMOVING THE CARRIER.**

Removing the DataPort carrier while the computer is operating is not recommended. If you need to remove the carrier while the computer is running, observe the following precautions:

Wait until the drive activity light has stopped, indicating that no read/write activity is occurring. If your system uses a disk caching program, ensure that all the data has been written to the hard drive. Turn off the drive by turning the key to the "OFF" (vertical) position. The power LED will go off, indicating that the power has been cut. Wait 10 to 15 seconds for the drive to stop spinning, and then remove the carrier.

*CRU is not liable for loss of data. It is the user's responsibility to follow these important procedures to safeguard data.*

## Trouble Shooting

### No power

Make sure the lock of the DataPort is turned to the "ON" position and the green power LED light is on. Check the power connection on back of the frame.

### Drive not recognized by computer

Ensure the carrier and frame are fully seated and the hard drive is properly connected in the carrier. Ensure that the SATA data cable is properly seated on the frame.

### Fan Failure

For fan failure contact CRU Technical Support.

## Technical Support

You can contact CRU's Technical Support Department by visiting our web site at URL [www.CRU-DataPort.com](http://www.CRU-DataPort.com) or sending an E-mail message to [support@CRU-DataPort.com](mailto:support@CRU-DataPort.com).

## Limited Product Warranty

CRU-DataPort (CRU) warrants the DataPort to be free of significant defects in material and workmanship for a period of five (5) years from the original date of purchase. CRU's warranty is nontransferable and is limited to the original purchaser.

## Product Remedies

CRU's entire liability and the original purchaser's exclusive remedy for any breach of warranty, shall be, at CRU's option, either (a) return of the price paid or (b) repair or replacement of the hardware, provided that the hardware is returned to CRU, with a copy of the sales receipt or applicable documentation. Any replacement hardware will be warranted for the remainder of the original warranty period. These remedies are void if failure of the hardware has resulted from accident, abuse, misapplication or modification. (This will be determined by CRU.)

## Limitation of Liability

The warranties set forth in this agreement replace all other warranties. CRU expressly disclaims all other warranties, including but not limited to, the implied warranties of merchantability and fitness for a particular purpose and noninfringement of third-party rights with respect to the documentation and hardware. No CRU dealer, agent or employee is authorized to make any modification, extension, or addition to this warranty. In no event will CRU or its suppliers be liable for any costs of procurement of substitute products or services, lost profits, loss of information or data, computer malfunction, or any other special, indirect, consequential, or incidental damages arising in any way out of the sale of, use of, or inability to use any CRU product or service, even if CRU has been advised of the possibility of such damages. In no case shall CRU's liability exceed the actual money paid for the products at issue. CRU reserves the right to make modifications and additions to this product without notice or taking on additional liability.